

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Jeffrey M. Zachan *et al.*  
Application No.: 10/806,619  
Filing Date: March 23, 2004  
For: **SYSTEM FOR GENERATING AMPLITUDE MATCHED 45 DEGREE PHASE SEPARATED LOCAL OSCILLATOR SIGNALS**

Art Unit: 2618  
Examiner: Yun, Eugene  
Confirmation No.: 2616

**TRANSMITTAL LETTER**

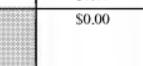
Mail Stop: RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Smith Frohwein Tempel Greenlee Blaha LLC  
Customer Number 35856

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/>	Response (attached)	<input type="checkbox"/>	Petition to Extend Time
<input checked="" type="checkbox"/>	Fee as calculated below	<input type="checkbox"/>	Supplemental Declaration
<input type="checkbox"/>	No Additional Fee Required	<input type="checkbox"/>	Terminal Disclaimer
<input type="checkbox"/>	Corrected Drawings	<input type="checkbox"/>	Other <u>R.C.E. under 37 CFR 1.114</u>

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE		ADDITIONAL FEE
Total Claims	31	31	0	X \$50.00		\$0.00
Independent Claims	4	4	0	X \$200.00		\$0.00
<input type="checkbox"/> First Presentation of a Multiple Dependent Claim						+\$360.00
EXTENSION FEE	1 <sup>st</sup> Month \$120 <input type="checkbox"/>	2 <sup>nd</sup> Month \$450 <input type="checkbox"/>	3 <sup>rd</sup> Month \$1020 <input type="checkbox"/>	4 <sup>th</sup> Month \$1590 <input type="checkbox"/>	5 <sup>th</sup> Month \$2160 <input type="checkbox"/>	
<input type="checkbox"/> Reduction by ½ for filing by SMALL ENTITY (Note 37 C.F.R. §1.9, §1.27, §1.28) -						-\$0.00
<b>TOTAL FEE DUE</b>						\$810.00

Payment:

- A check in the amount of \$ \_\_\_\_\_ is enclosed.
- Payment by credit card in the amount of \$810.00 for the fees designated below. (Form PTO-2038 enclosed).  
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
- The Commissioner is authorized to charge our Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_ to cover the above-listed additional fees. A duplicate copy of this transmittal is enclosed.
- In the event of an overpayment or improper payment of a required fee, the Commissioner is authorized to charge or credit our Deposit Account No.50-3479 as required to correct the error.

Smith Frohwein Tempel Greenlee Blaha LLC

/Robert A. Blaha/  
Robert A. Blaha  
Registration No. 43,502

Smith Frohwein Tempel Greenlee Blaha LLC  
Customer Number 35856  
(404) 815-9300 (office)  
(770) 804-0900 (fax)

**CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being electronically transmitted via EFS-WEB to the USPTO addressed to: Commissioner for Patents, Mail Stop: Amendment, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

/Robert A. Blaha/  
Robert A. Blaha

January 14, 2008  
Date